

FIG. 1

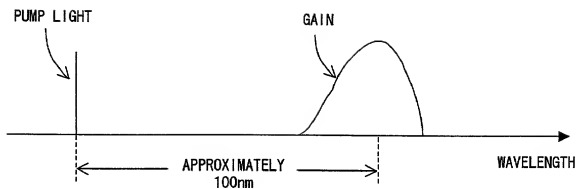


FIG. 2A

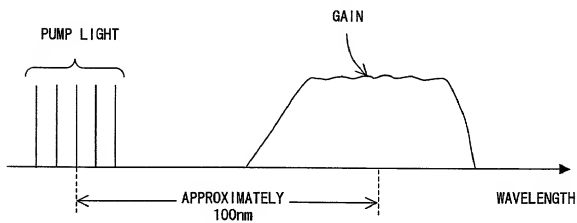


FIG. 2B

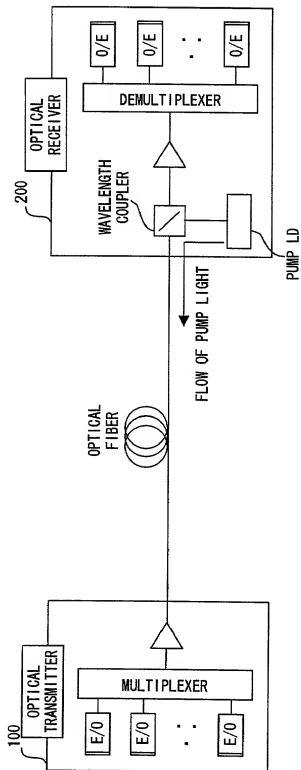


FIG. 3

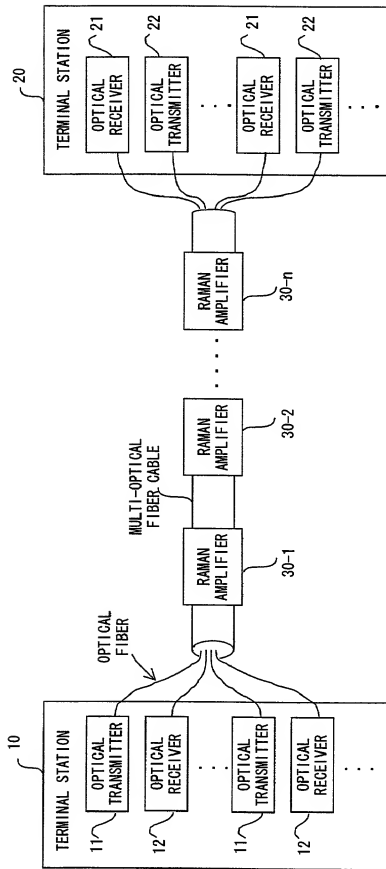


FIG. 4

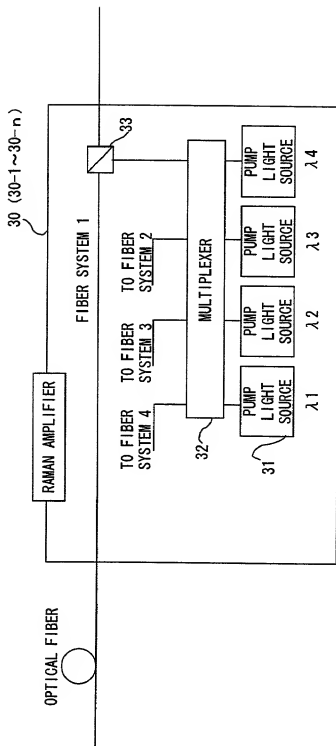


FIG. 5

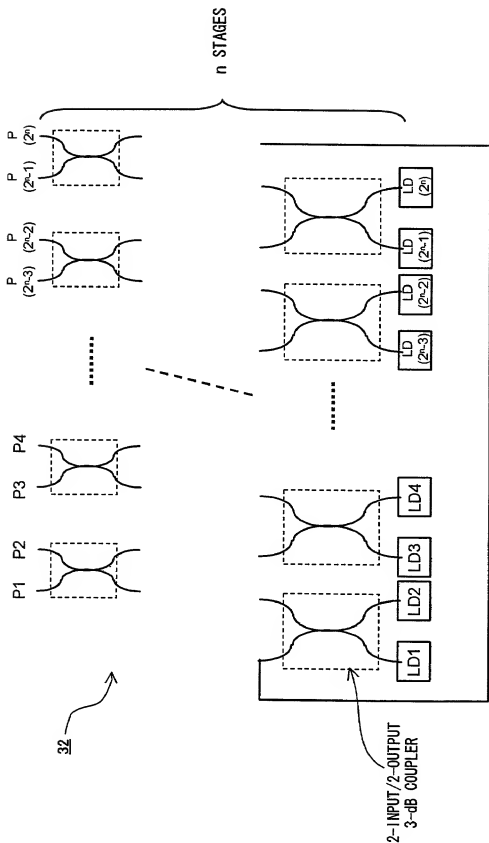


FIG. 6

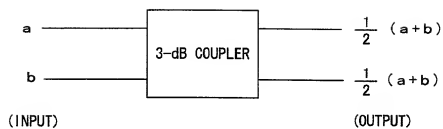


FIG. 7

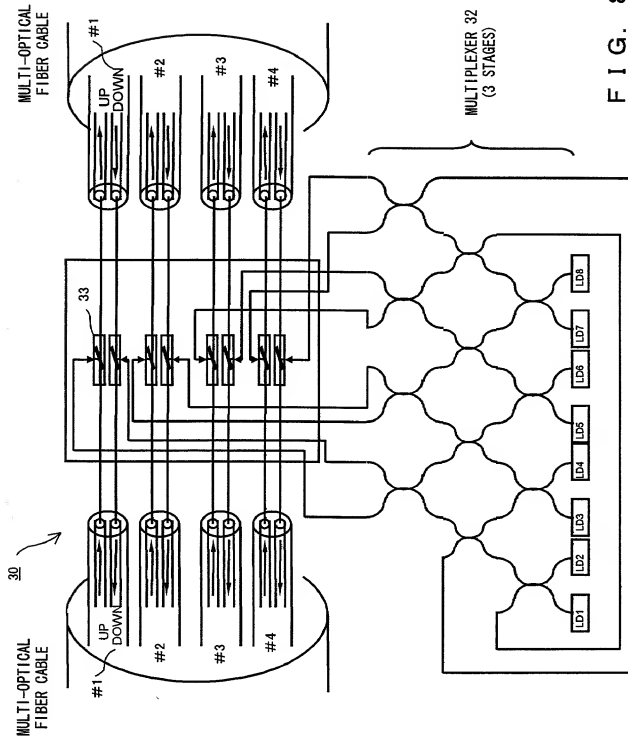
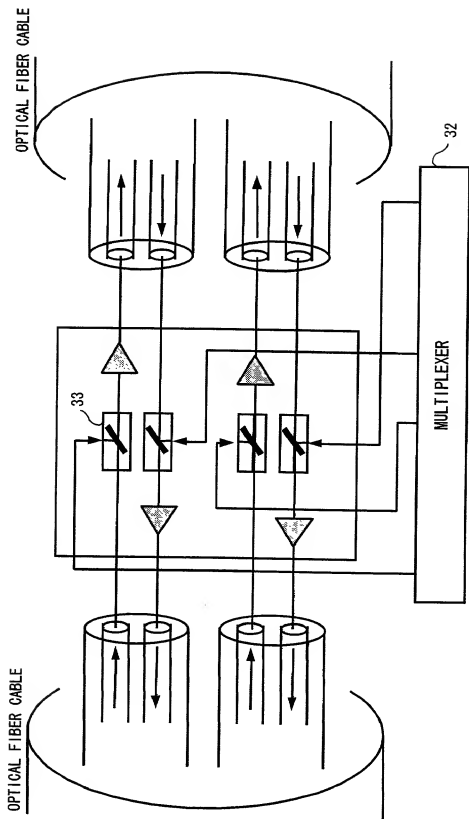


FIG. 8





▲ : EDFA

FIG. 9

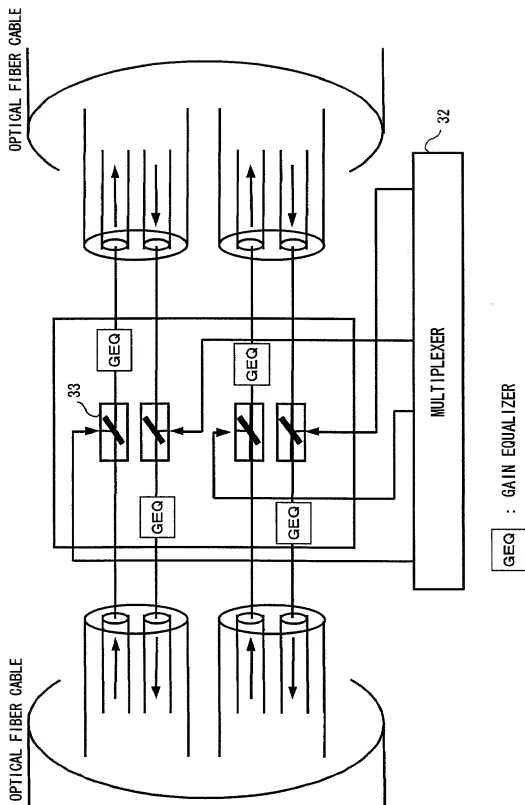


FIG. 10

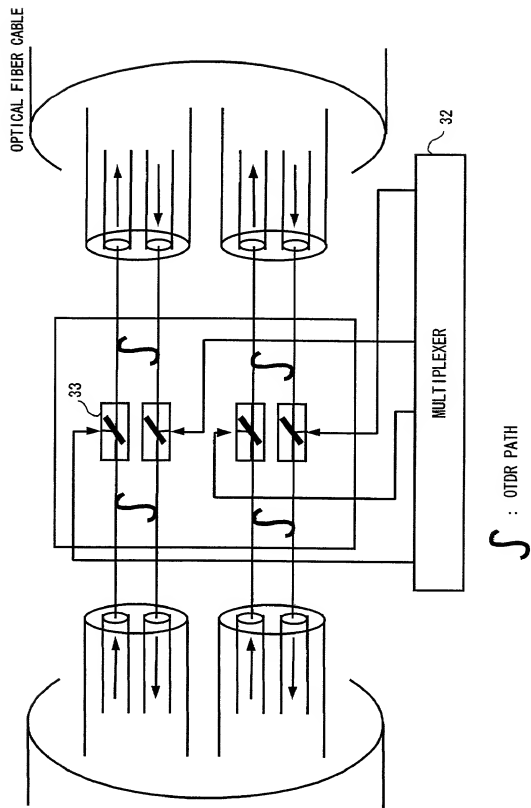


FIG. 11

S : OTDR PATH

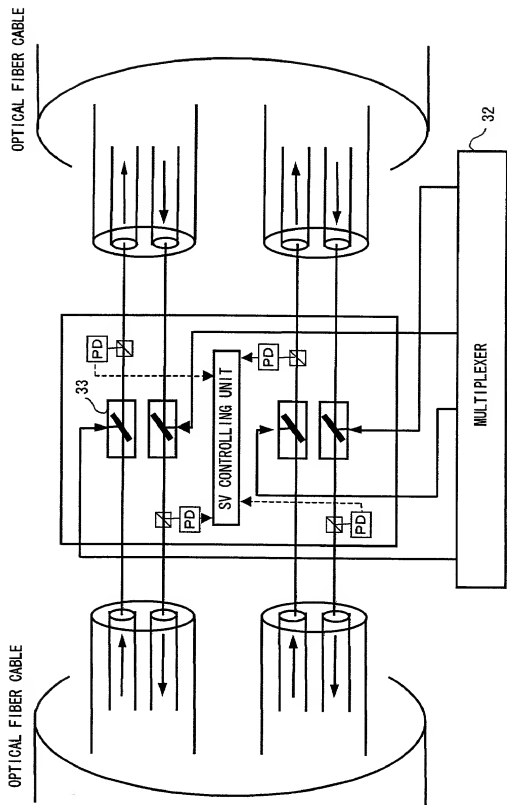
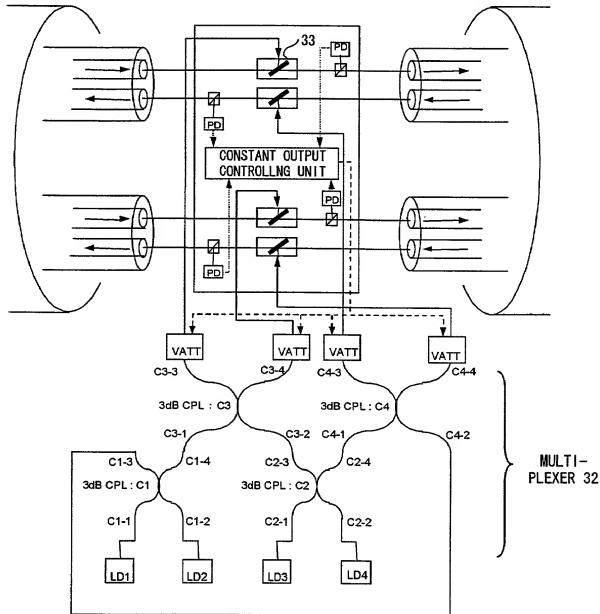


FIG. 12

OPTICAL FIBER CABLE

OPTICAL FIBER CABLE

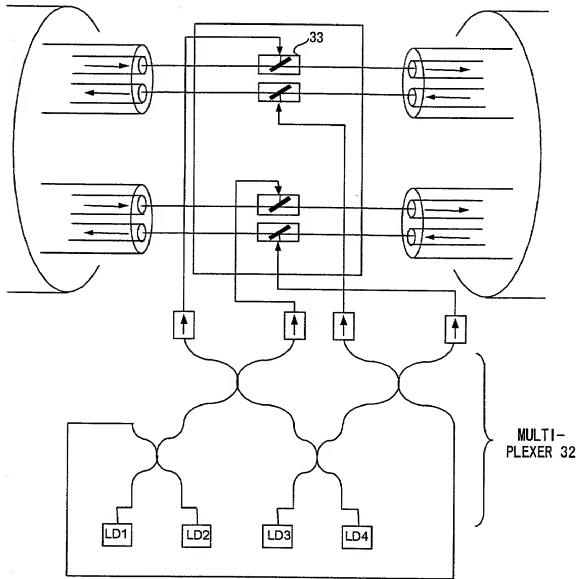


VATT : OPTICAL VARIABLE ATTENUATOR

FIG. 13

OPTICAL FIBER CABLE

OPTICAL FIBER CABLE



↑ : OPTICAL ISOLATOR

FIG. 14

OPTICAL FIBER CABLE

OPTICAL FIBER CABLE

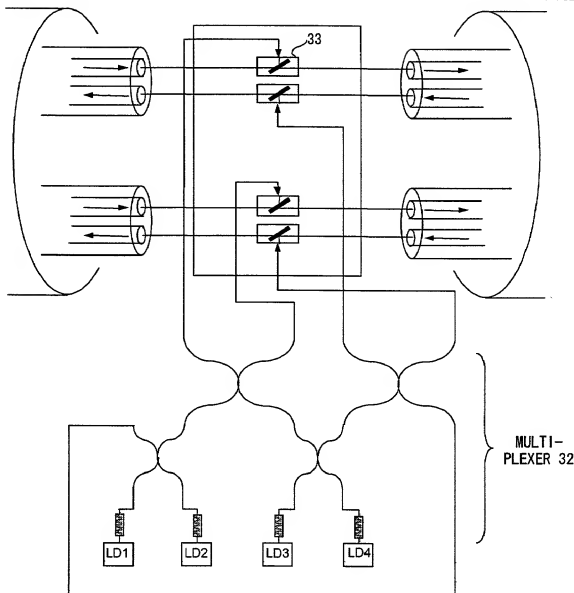


FIG. 15

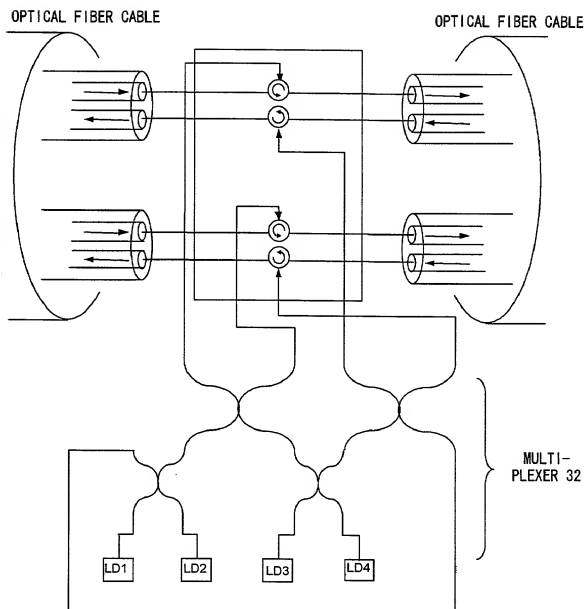


FIG. 16



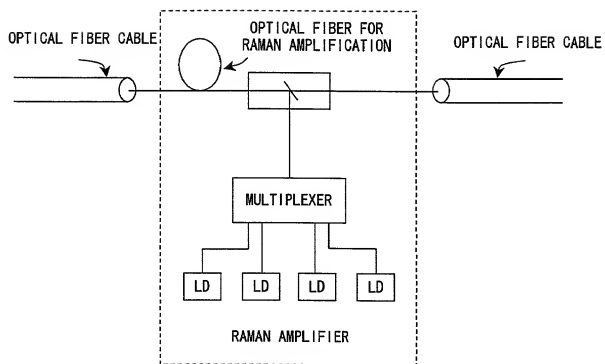


FIG. 17

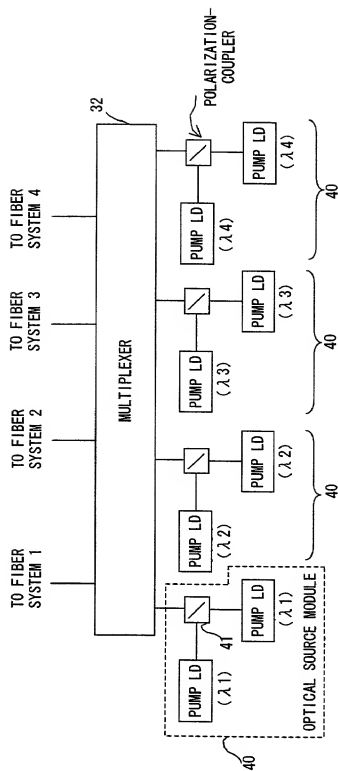


FIG. 18

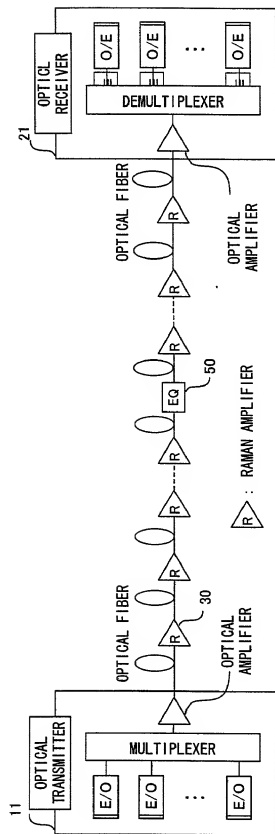


FIG. 19



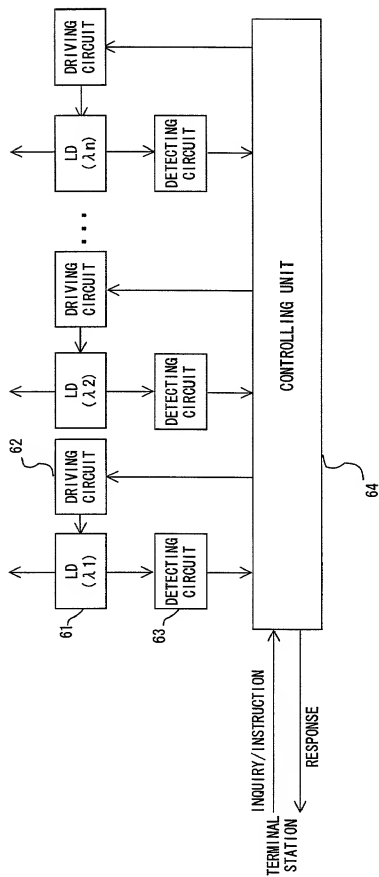


FIG. 21

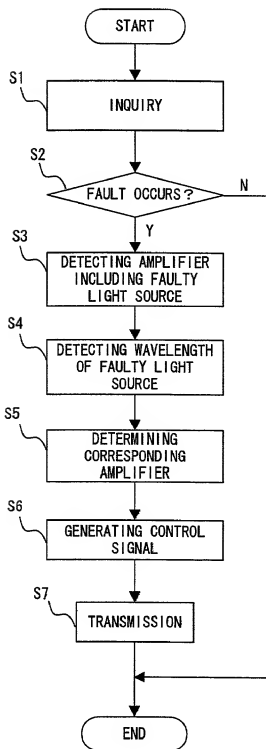


FIG. 22

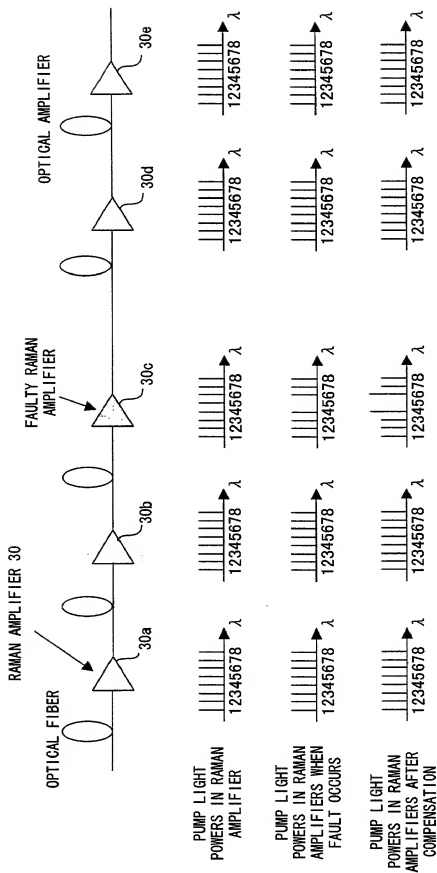


FIG. 23

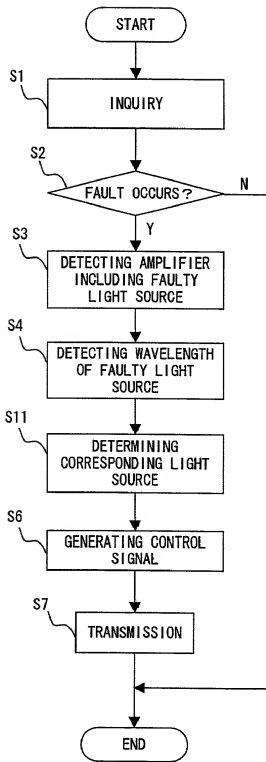


FIG. 24



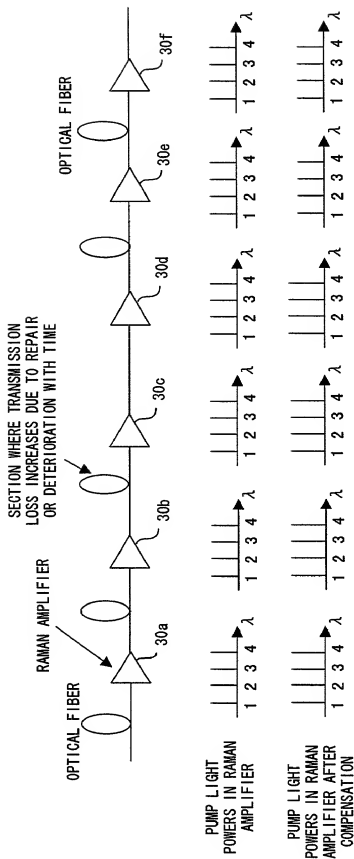


FIG. 25

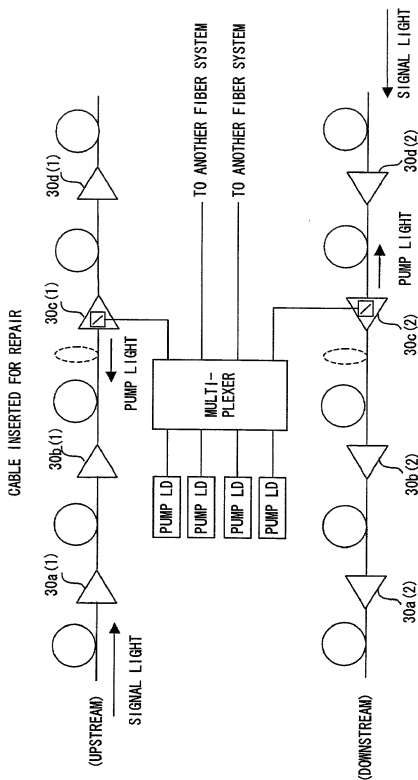


FIG. 26

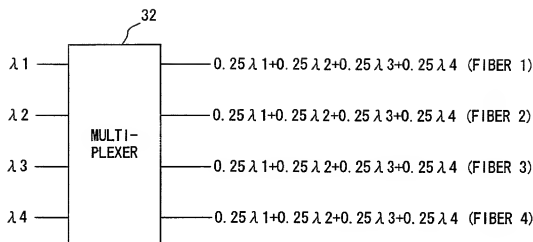


FIG. 27A

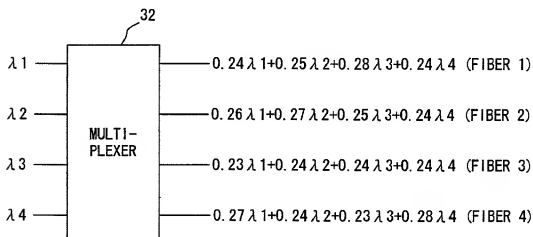
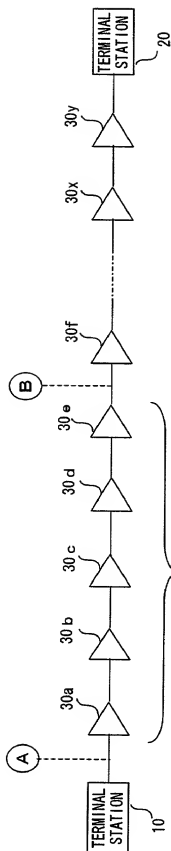


FIG. 27B



F I G. 28